

WHAT IS CLAIMED IS:

1. A method for processing media comprising the steps of:
providing a media with microcapsules;
exposing selected microcapsules;
providing a first magnetic roller segmented into alternate north/south magnetic sections;
providing a second magnetic roller segmented into alternate north/south segments wherein said north/south segments on said first roller are of an opposite polarity of said magnetic sections on said second roller;
providing flanges on opposite ends of each of said first and said second magnetic rollers; and
passing said media between said first and said second magnetic roller wherein a force of attraction between said magnetic sections ruptures unexposed microcapsules in said media.
2. A method as in claim 1 wherein said flanges maintain said first magnetic roller and said second magnetic roller at a fixed distance sufficient to rupture unexposed microcapsules.
3. A method as in claim 2 wherein said fixed distance is great enough to ensure that said exposed microcapsules are not ruptured by pressure caused by said force of attraction.
4. An apparatus for processing media comprised of exposed microcapsules and unexposed microcapsules comprising:
a first magnetic roller wherein said first magnetic roller is segmented into alternate north/south segments;
a second magnetic roller segmented into alternate north/south segments;
wherein said north/south segments of said first roller and said north/south segments of said second roller are arranged such that a north segment on said first roller faces a south segment on said second roller; and

flanges on opposite ends of each of said first and second magnetic rollers.

5. An apparatus as in claim 4 wherein said first and second roller provide pressure on said media based on mutual magnetic attraction sufficient to rupture said unexposed microcapsules.

6. An apparatus as in claim 5 wherein said flanges maintain a fixed distance between said first and second roller sufficient to rupture said unexposed microcapsules while passing said exposed microcapsules between said rollers without rupturing.

7. An apparatus for processing media containing exposed microcapsules and unexposed microcapsules comprising:

- a first magnetic roller segmented into alternating north/south magnetic segments;
- a second roller magnetically attracted to said first roller;
- flanges on opposite ends of said first roller and said second roller; and

wherein said flanges maintain a fixed distance between said rollers sufficient for rupturing said unexposed microcapsules while passing said exposed microcapsules intact.

8. An apparatus as in claim 7 wherein said second magnetic roller is a cylinder of ferrous magnetic material.

9. An apparatus for processing media comprised of exposed microcapsules and unexposed microcapsules comprising:

- a first magnetic roller;
- a second magnetic device; and

wherein magnetic attraction between said first magnetic roller and said second magnetic device creates a pressure on said media sufficient

to rupture said unexposed microcapsules without rupturing said exposed microcapsules.

10. An apparatus as in claim 9 wherein a skid plate is located between said second magnetic device and said media.

11. An apparatus as in claim 9 wherein said second magnetic device is a ferrous load ball.

12. An apparatus as in claim 9 wherein said second magnetic device is a magnetic roller.

13. An apparatus as in claim 10 wherein said first magnetic roller and said second magnetic device are electro-magnetic devices.

14. An apparatus as in claim 13 wherein a polarity on said magnets are reversed to unload said media.

15. An apparatus as in claim 13 wherein the magnetism on said first magnetic roller and said second magnetic device are adjusted to provide pressure sufficient to rupture said unexposed microcapsules.

16. An apparatus as in claim 15 wherein said magnets are rare earth-elements.

17. An apparatus for processing media comprised of exposed microcapsules and unexposed microcapsules comprising:
a ferrous rupturing roller;
a bar magnet; and
wherein magnetic attraction between said ferrous rupturing roller and said bar magnet creates a pressure on said media sufficient to rupture said unexposed microcapsules without rupturing said exposed microcapsules.

18. An apparatus as in claim 17 wherein said bar magnet is segmented with alternating north/south polarity.

19. A method for creating an image in a media comprised of microcapsules comprising:

translating said media a predetermined distance;

stopping transport of said media;

moving a rupturing roller and imaging exposure device laterally across said media to expose selected microcapsules with said image exposure device and rupture unexposed microcapsules;

stopping lateral translation of said rupturing roller and said image exposure device at a position to a side of said media;

transporting said media an additional predetermined distance; and

stopping transport of said media.

20. A method as in claim 19 wherein said rupturing roller is magnetically attracted to a device on an opposite side of said media.

21. A method as in claim 19 wherein said rupturing roller is a ferrous rupturing ball.